Tuesday, #10/30/2007, 2:49:35 PM Kim Johnston **Process Sheet** : BLADE **Drawing Name** : CU-DAR001 Dart Helicopters Services Customer : 35435 -1 Job Number : 10327 Estimate Number : D2741 Part Number P.O. Number : WIA S.O. No. : HIM D2741 REV C This Issue : 10/30/2007 **Drawing Number** : N/A Project Number Prsht Rev. : MACHINED PARTS Type **Drawing Revision** First Issue : NIM : 33083 Material Previous Run : 11/15/2007 Each Due Date Written By Checked & Approved By Removed P/O turning - in house : Est Rev. 00.11.15 Comment processEC Est Rev: E 06-03-20 As Per Rev C JLM Est Rev: F 06.04.20 Added grinding after heat treating E C Additional Product Job Number: Description: Seq. #: Machine Or Operation: 4130 Bar 0.5 x 3.0" 1.0 1.2118 f(s)/Unit Total : Comment: Qty.: 48.4722 f(s) 4130 BAR 0.5 x 3.0" Batch: M 10.5355 x 337 cs Material: 4130 steel bar 0.50" x 3.00" BAND SAW BAND SAW Comment: BAND SAW Cut blanks 13.850" long +0.063" -0.000" HAAS CNC VERTICAL MACHINING #1 HAAS1 3.0 Comment: HAAS CNC VERTICAL MACHINING #1 1-Machine per folio FA108

J.L 04/12/02

Dart Aerospace Ltd

W/O:		WORK O	WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Е	y Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
							14	
Part No	:	PAR #: Fault Category:	NCR:	res No Do	A:D	Date: <	8/01/16	

QA: N/C Closed: Date:

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
DATE	STEP	Description of NC		Corrective Action Section B		Verification	Approval	Approval		
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspecto		
	3	i part blank was cut too	//	Scrap: replace Q47 I B_M/05355	3.L			1		
A112/03		that and didn't clean at	1	B_m/05355		//	//	//		
		1 0 11 0	/651ULL		07/17/03		1	Q-12.03		
		RE: bippercut coshert	10012			14-12-03	Jasier	04-12-03		
		P								

NOTE: Date & initial all entries

Tuesday, 10/30/2007 2:48:35 PM Date: User: Kim Johnston **Process Sheet** Drawing Name: BLADE Customer: CU-DAR001 Dart Helicopters Services Part Number: D2741 Job Number: 35435 Job Number: Description: Seq. #: Machine Or Operation: INSPECT PARTS AS THEY COME OFF MACHINE 4.0 QC2 Comment: INSPECT PARTS AS THEY COME OFF MACHINE SECOND CHECK 5.0 Comment: SECOND CHECK SMALL & MEDIUM FAB RESOURCE 1 SMALL FAB 1 6.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 1-Deburr 2-Bend per Dwg D2741 7.0 Comment: INSPECT WORK TO CURRENT STEP **OUTSIDE SERVICES-MACH OUTSIDE SERV.30** 80 Comment: Sub-Contracting PURCHASING n207/12/05 Issue P/O: 5193 Harden material as per Dwg D2741 Min. Ultimate Tensile Strength = 152 ksi (30-40 HRC) Min. Yield Tensile Strength = 141 ksi Test report or Certification required 9.0 PACKAGING PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Receive and Inspect for transit damage Ensure Test report or Certification attached 10.0 QC5 Comment: INSPECT WORK TO CURRENT STEP 11.0 SMALL & MEDIUM FAB RESOURCE 1 B 8-1-16 Comment: SMALL & MEDIUM FAB RESOURCE 1 1-Pass in deburring machine 2-Grind off edges

W/O:		WORK ORDER CH	ANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No:	PAR #:	Fault Category:	NCR: Yes No DQA:	Date: Oblail)
			QA: N/C Closed:	Date:

NCR:			WORK ORDE	ER NON-CONFORMANO	E (NCR)			
		Description of NC	Corrective Action Section B			Varification		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspecto
				3				

								٠.

NOTE: Date & initial all entries

	sday, 10/30/2007 2.48:35 PM		
User: Kim	Johnston	Process Sheet	The same of the sa
Customer:	CU-DAR001 Dart Heliconters Services	Drawing Name: BLADE	A 17-
Job Number:	35435	Part Number: D2741	
Job Number:		7.000	
Seq. #:	Machine Or Operation:	Description :	
12.0	POWDER COATING	POWDER COATING	
		M106379	(OX)
Comme	ent: POWDER COATING	3.5.2) as per OSI 005.4.3 M	1 ashilis
42.0	Powder Coat White Gloss (Ref: 4.	3.5.2) as per QSI 005 4.3 INSPECT POWDER COAT/CHEMICAL CO	0 8/01/16
13.0	QC3	INSPECT FOWDER CONTIGNED TO	
		- Post	
14.0	PACKAGING 1	PACKAGING RESOURCE #1	16
14.0		7 10 11 10 11 12 12 13 16 12 11	
Comme	ent: PACKAGING RESOURCE #1 Identify and Stock	1111	
	Location:	8/01/16 (10)	
15.0	QC21	FINAL INSPECTION ON RELEASE	111111111111111111111111111111111111111
Comme	nt: FINAL INSPECTION/W/O RELEA	SE	011018019
Job Completion			V 1111
			08-06-16
	7		

Dart	Aeros	pace	Ltd

Dart Ae	rospace Lt	td							
W/O:			WC	ORK ORDER CHANGES					
DATE	STEP				Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	: ·	PAR #:	Fault Cate	gory: N					
NCR:			WORK ORDE	ER NON-CONFORMANO		R)		_ Date: _	
		Description of NC Corrective Action Section B			ion B				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date			Approval Chief Eng	Approval QC Inspector

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	39+35
Description: Blade	Part Number:	D2741
Inspection Dwg: D2741 Rev: C		Page 1 of 1

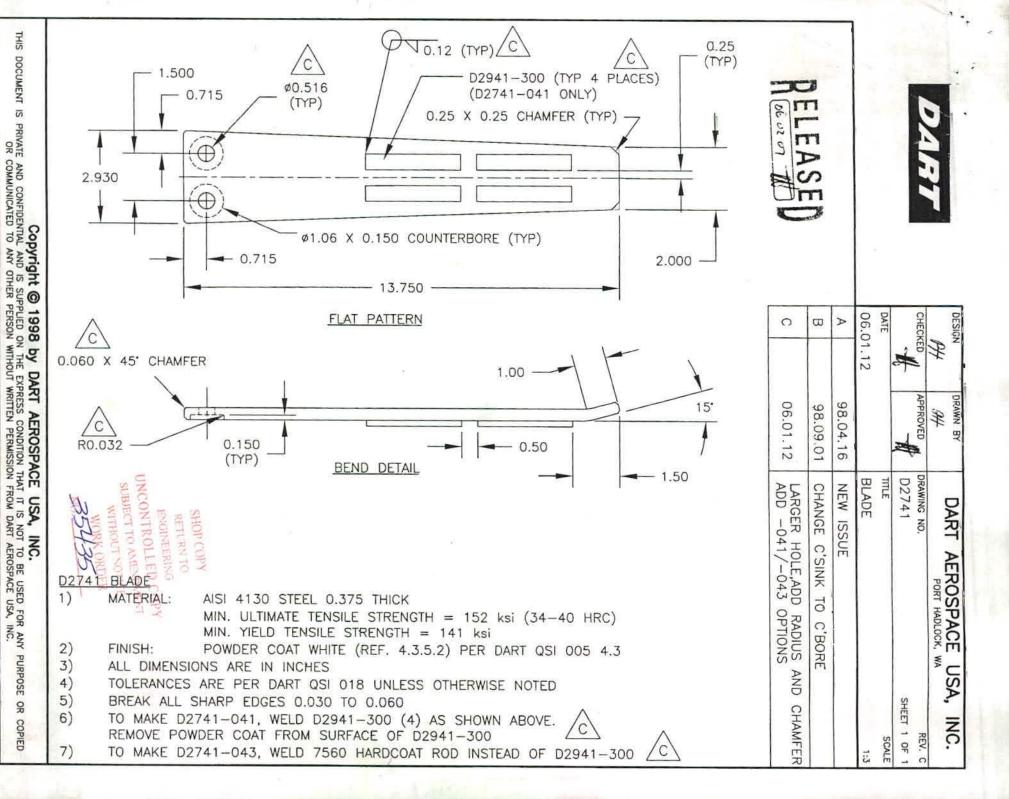
FIRST ARTICLE INSPECTION CHECKLIST

X	First Article	Prototype
	A =4=1	

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.500	+/-0.010	1.500	/			
0.715	+/-0.010	.7/5	~			
Ø0.516	+0.008/-0.001	.520				
2.000	+/-0.010	2.000	/			
13.750	+/-0.010	13:750				
Ø1.06 x 0.150	+0.012/-0.001 x +/-0.010	1.062X.150				
2.930	+/-0.010	2.930				
0.375	+/-0.010	-365	/			
0.25 x 0.25	+/-0.030	.25X.25	1			
			0	3		

Measured by:	JL	Audited by:	Prototype Approval:	N/A
Date:	04/1/01	Date: 01.12.01	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	03.12.22	New Issue	KJ/RF	1
В	06.03.09	Revised per Rev. C	KJ/JLM X	911





PACKING SLIP

OAK 93756-1

HEAD OFFICE 1371 SPEERS ROAD, OAKVILLE, ONTARIO CANADA 1.61, 2X5 FEL: (905) 827-4171 FAX: (905) 827-7489 QUEBEC DIVISION 7450 RUE VÉRITÉ STREET, ST. LAURENT, QUÉBEC CANADA H4S 1C5 TEL: (514) 334-4240 FAX: (514) 334-6269

GST No.: R105468102

01/15/2008

1

MM / DD / YYYY

PAGE:

BILL TO:

1DAR01 DART AFROSPACE LTD. 1270 ABERDEEN ST. HAWKESBURY, ON

SHIP TO: DART AEROSPACE LTD. 1270 ABERDEEN ST. HAWKESBURY, ON

K6A 1K7

K6A 1K7

DATE SHIPPED	SHIP VIA	F,O.B.	
01/15/2008		ORIGIN	
CUSTOMER P/O No.	JOB No.	TERMS	
00005193		COD	

LN.	PART NO	DESCRIPTION	UOM	QTY ORDERED	QTY SHIPPED	B/O QTY
01	D2741	B35435 BLADE	EA	40	40	0
	HARDENED PER DWG. D	ons: Procedure: 4161 2741 TO 152 KSI MINIMUM D PER ASTM E-18 HRC: 34-40				
02	мс	MINIMUM CHARGE 140 LBS @ \$2.26/LB		1	1	0

No claims for shortage in weight or count will be entertained, unless presented within 5 working days after receipt of materials by customer.







RELEASE NOTE

GST No.: R105468102

OAK 93756-1

HEAD OFFICE 1371 Speers Road, Oakville, Ontakio CANADA L6L 2X5 "EL: (905) 827-4171 FAX: (905) 827-7489 2009 WYECROFT ROAD, UNIT B Oakville, Ontario CANADA L6I 6J4

Tel: (905) 827-7377 FAX: (905) 827-1380

QUEBEC DIVISION 7450 RUE VÉRITÉ STREET, ST. LAURENT, QUÉBEC CANADA H4S 1C5 TEL: (514) 334-4240 FAX: (514) 334-6269

01/15/2008 MM / DD / YYYY

PAGE: 1

BILL TO:

1DAR01 DART AEROSPACE LTD. 1270 ABERDEEN ST. HAWKESBURY, ON

K6A 1K7

SHIP TO: DART AEROSPACE LTD. 1270 ABERDEEN ST. HAWKESBURY, ON

K6A 1K7

DATE SHIPPED	SHIP VIA	F.O.B.	
01/15/2008		ORIGIN	
CUSTOMER P/O No.	JOB No.	TERMS	
00005193		COD	

ORD OTY TEST RESULTS UOM DESCRIPTION PART No. 40 40 B35435 BLADE D2741

Process Specifications:

Procedure: 4161

HARDENED PER DWG. D2741 TO 152 KSI MINIMUM

100% HARDNESS TESTED PER ASTM E-18 HRC: 34-40

MATERIAL: 4130

100% HARDNESS TESTED

40 pcs.

I hereby certify that the material covered by this release note has been inspected and tested and conforms to all specifications relevant thereto in accordance with the conditions of the contract / or purchase order.

ON BEHALF OF VAC AERO INTERNATIONAL INC.

Authorized Q.C. Inspector

HEAT TREATING

